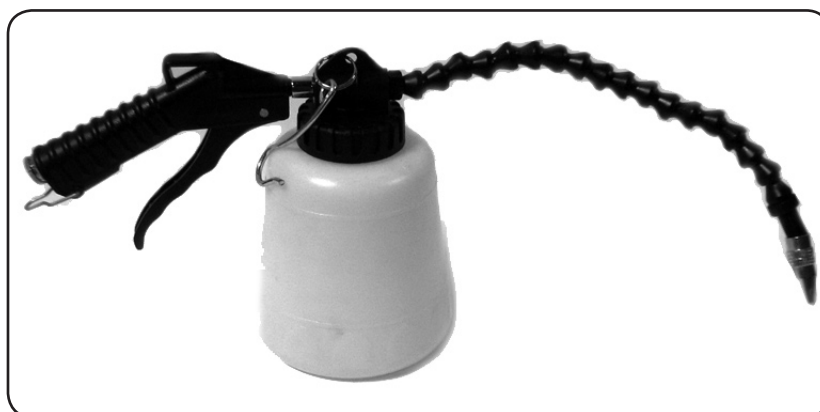


CENTRAL PNEUMATIC®

AIR OPERATED SOLVENT/CLEANER SPRAY GUN

Model 99959

SET UP AND OPERATING INSTRUCTIONS



Distributed exclusively by Harbor Freight Tools®.

3491 Mission Oaks Blvd., Camarillo, CA 93011

Visit our website at: <http://www.harborfreight.com>



**Read this material before using this product.
Failure to do so can result in serious injury.
SAVE THIS MANUAL.**

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For technical questions or replacement parts, please call 1-800-444-3353.

REV 11h

SAVE THIS MANUAL

Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

Safety Alert Symbol and Signal Words

In this manual, on the labeling, and all other information provided with this product:



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

DANGER

DANGER indicates a hazardous

situation which, if not avoided, will result in death or serious injury.

WARNING

WARNING indicates a

hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

CAUTION, used with the safety

alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to personal injury.

CAUTION

CAUTION, without the safety alert symbol, is used to address practices not related to personal injury.

IMPORTANT SAFETY INSTRUCTIONS

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

WARNING – When using this Spray Gun, basic precautions should always be followed, including the following:

General

To reduce the risks of electric shock, fire, and injury, read all the instructions before using the tool.




Work area

1. Keep the work area clean and well lighted. Cluttered benches and dark areas increase the risks of electric shock, fire, and injury.
2. **Keep bystanders, children, and visitors away while operating the tool.** Distractions may result in the loss of control of the tool.

Personal safety

1. **Stay alert. Watch what you are doing and use common sense when operating the tool. Do not use the**

tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating the tool increases the risk of injury.

2. Dress properly. **Do not wear loose clothing or jewelry. Contain long hair. Keep hair, clothing, and gloves away from moving parts.** Loose clothes, jewelry, or long hair increases the risk of injury as a result of being caught in moving parts.
3. Avoid unintentional starting. **Be sure fingers are off Trigger Lever completely before connecting to the air supply.** Do not carry the tool with your fingers on the Trigger Lever or connect the tool to the air supply with the Trigger Lever open (squeezed).
4. Do not overreach. **Keep proper footing and balance at all times.** Proper footing and balance enables better control of the Spray Gun in unexpected situations.
5.  Use safety equipment. A dust mask/respirator, and non-skid safety shoes must be used for the applicable conditions. Wear heavy-duty work gloves during use.
6.  Always wear eye protection. Wear ANSI-approved safety goggles.
7.  Always wear hearing protection when using the tool. Prolonged exposure to high intensity noise is able to cause hearing loss.
8. Risk of Electric Shock. **This tool is not provided with an insulated**

gripping surface. Contact with a "live" wire will also make exposed metal parts of the tool "live" and shock the operator.

9. Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is grounded.

Tool use and care


1. Do not use the tool if the Trigger Lever does not turn the tool on or off. Any tool that cannot be controlled with it's Trigger Lever, or on/off Switch is dangerous and must be repaired.
2. Disconnect the tool from the air source before making any adjustments, changing accessories, or storing the tool. Such preventive safety measures reduce the risk of accidentally discharging fluid. Turn off and detach the air supply, safely discharge any residual air pressure, and release the Trigger Lever to it's off position before leaving the work area.
3. **Store the idle Spray Gun out of reach of children and other untrained persons.** A tool is dangerous in the hands of untrained users.
4. Check for misalignment, cracks, and any other condition that affects the tool's operation. If damaged, have the Spray Gun serviced before using. Many accidents are caused by poorly maintained tools. There is a risk of bursting if the tool is damaged.
5. Use only accessories that are identified by the manufacturer for the specific tool model. Use of an acces-

sory not intended for use with the specific tool model, increases the risk of injury.

Service

1. ***Tool service must be performed only by qualified repair personnel.***
2. When servicing a tool, use only identical replacement parts. **Use only authorized parts.**
3. Use only the lubricants supplied with the tool or specified by the manufacturer.

Air source





1.  Never connect to an air source that is capable of exceeding 200 psi. Over pressurizing the tool may cause bursting, abnormal operation, breakage of the tool or serious injury to persons. Use only clean, dry, regulated compressed air at the rated pressure or within the rated pressure range as marked on the tool. Always verify prior to using the tool that the air source has been adjusted to the rated air pressure or within the rated air-pressure range.
2. ***Never use oxygen, carbon dioxide, combustible gases or any bottled gas as an air source for the tool.*** Such gases are capable of explosion and serious injury.



SAVE THESE INSTRUCTIONS.

SYMBOLS AND SPECIFIC SAFETY INSTRUCTIONS

Symbol Definitions

Symbol	Property or statement
n_o	No-load speed
.../min	Revolutions or reciprocation per minute
PSI	Pounds per square inch of pressure
ft-lb	Foot-pounds of torque
BPM	Blows per minute
CFM	Cubic Feet per Minute flow
SCFM	Cubic Feet per Minute flow at standard conditions
NPT	National pipe thread, tapered
NPS	National pipe thread, straight
	WARNING marking concerning Risk of Eye Injury. Wear ANSI-approved eye protection.
	WARNING marking concerning Risk of Hearing Loss. Wear hearing protection.
	WARNING marking concerning Risk of Respiratory Injury. Wear NIOSH-approved dust mask/respirator.
	WARNING marking concerning Risk of Explosion.

Specific Safety Instructions

1. Warning:
To prevent serious injury:
 - a. Do not use with gasoline or other flammable or toxic liquids.

- b. Follow solvent supplier instructions during use.
 - c. Keep away from children.
 - d. DO NOT exceed 90 LB. Air Pressure.
2. **WARNING: DO NOT point, or spray contents of this Spray Gun at any person or animal at any time.**
 3. The warnings and precautions discussed in this manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.
 4. Obey the manual for the air compressor used to power this tool.
 5. Install an in-line shutoff valve to allow immediate control over the air supply in an emergency.
 6. This tool is operated under pressure. Be sure to keep a firm grip at all times. Not holding tool firmly at all times may result in loss of control.



**SAVE THESE
INSTRUCTIONS.**

FUNCTIONAL DESCRIPTION

Specifications

Maximum Air Pressure	90 PSI
Air Inlet	1/4" -18 NPT (Female)
Air Consumption	4 SCFM @ 116 PSI

INITIAL TOOL SET UP/ ASSEMBLY



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

Note: For additional information regarding the parts listed in the following pages, refer to the Assembly Diagram near the end of this manual.

Unpacking

When unpacking, check to make sure that the item is intact and undamaged. If any parts are missing or broken, please call Harbor Freight Tools at the number shown throughout the manual as soon as possible.

ASSEMBLY

1. No assembly is required for this tool with the exception of threading the Flexible Supply Nozzle (1) onto the Gun Assembly (2).
2. This air tool may be shipped with a protective plug covering the air inlet. Remove this plug before set up.

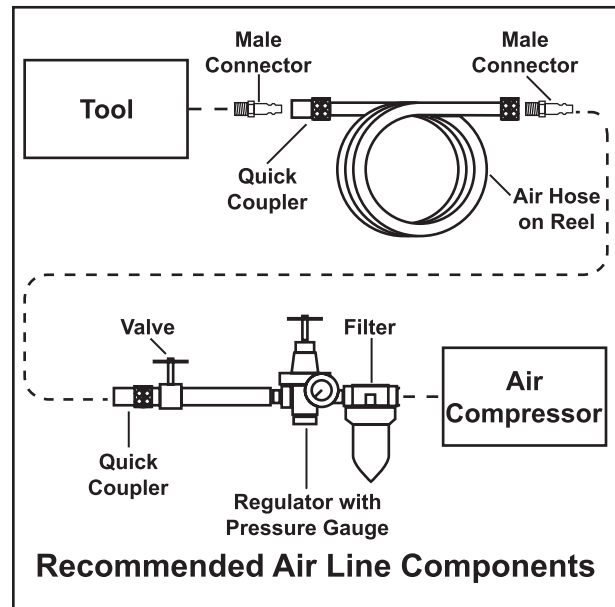
Air Supply

⚠ WARNING

TO PREVENT EXPLOSION:



Use only clean, dry, regulated, compressed air to power this tool. Do not use oxygen, carbon dioxide, combustible gases, or any other bottled gas as a power source for this tool.



1. Attach an air hose to the compressor's air outlet. Connect the air hose to the air inlet of the tool. Other components, such as a connector and quick coupler, will make operation more efficient, but are not required.
2. **⚠ WARNING! TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:**
Do not install a female quick coupler on the tool. Such a coupler contains an air valve that will allow the air tool to retain pressure and operate accidentally after the air supply is disconnected.

Note: Air flow, and therefore tool performance, can be hindered by undersized air supply components.

3. The air hose must be long enough to reach the work area with enough extra length to allow free movement while working.
4. Make sure the Sprayer's Trigger is in the off position; refer to Operation section for description of controls.
5. Close the in-line safety valve between the compressor and the tool.
6. Turn on the air compressor according to the manufacturer's directions and allow it to build up pressure until it cycles off.
7. Adjust the air compressor's output regulator so that the air output is enough to properly power the tool, but the output will not exceed the tool's maximum air pressure (90 PSI) at any time. Adjust the pressure gradually, while checking the air output gauge to set the right pressure range.
8. Inspect the air connections for leaks. Repair any leaks found.
9. If the Spray Gun will not be used at this time, turn off and detach the air supply, safely discharge any residual air pressure, and release the Trigger to prevent accidental operation.

Note: Residual air pressure should not be present after the tool is disconnected from the air supply. However, it is a good safety measure to attempt to discharge the tool in a safe fashion after disconnecting to ensure that the tool is disconnected.

OPERATING INSTRUCTIONS



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

Inspect the Sprayer before use, looking for damaged, loose, and missing parts. If any problems are found, do not use Sprayer until repaired.

Tool Set Up



WARNING TO PREVENT SERIOUS INJURY

FROM ACCIDENTAL OPERATION:

Turn off the tool, detach the air supply, safely discharge any residual air pressure in the tool, and release Trigger before performing any inspection, maintenance, or cleaning procedures.

TO PREVENT SERIOUS INJURY:

Do not adjust or tamper with any control or component in a way not specifically explained within this manual. Improper adjustment can result in tool failure or other serious hazards.

Work Piece and Work Area Set Up

1. Designate a work area that is clean and well-lit. The work area must not allow access by children or pets to prevent injury and distraction.
2. Route the air hose along a safe route to reach the work area without creating a tripping hazard or exposing the air hose to possible damage. The air hose must be long enough to reach the work area with enough extra length to allow free movement while working.
3. There must not be objects (such as utility lines or foreign objects) nearby that will present a hazard while working.
6. Wrap 3 turns of thread sealing tape on a male connector (not supplied) and attach it to the end of the handle.
7. Rotate the nozzle lock ring clockwise until it comes to a stop against the adjustable nozzle. Rotate the nozzle cap until it rests against the lock ring.
8. Turn on air supply.
9. To begin spraying, set the supply air pressure to 90 PSI, point the nozzle at a safe location, pull the trigger and lock it with the spring lock. Slowly rotate the nozzle in a counterclockwise direction until liquid starts spraying out of the nozzle. Continue rotating the nozzle for not more than a full turn and fine tune the spray pattern. Release the trigger lock. Unscrew the nozzle lock against the nozzle to secure it in the preset position. The tool is not ready to be operated.

General Operating Instructions

Spraying Solvents and/or Cleaners

1. **WARNING: DO NOT point or spray the contents of this Spray Gun at any person, or animal at any time.**
 2. Always wear ANSI-approved safety goggles and heavy-duty work gloves when using this Sprayer.
 3. Premix solvents and/or cleaners according to their manufacturer's instructions before adding to the Container (3).
 4. Thread the Flexible Discharge Nozzle (1) onto the Gun Assembly (2).
 5. Thread the Container onto the Gun Assembly, making sure not to cross the threads.
 10. When finished spraying, or when refilling the Container, release the Trigger and turn off the air supply.
 11. When you are completely finished spraying, release the Trigger, turn off the air supply and disconnect the compressor from its power supply.
 12. Remove the Container and thoroughly rinse according to directions supplied by the solvent/liquid manufacturer.
 13. Let the Sprayer dry before storing inside out of the reach of children.
- CAUTION! TO PREVENT TOOL AND ACCESSORY FAILURE, RESULTING IN INJURY:**
Do not exceed the tool's maximum air pressure rating of 90 PSI.
If the tool still does not have sufficient

force at maximum pressure and sufficient airflow, then a larger tool may be required.

may prevent safe use of this tool. If anything abnormal is found, have the part(s) repaired before further use.

USER-MAINTENANCE INSTRUCTIONS



Procedures not specifically explained in this manual must be performed only by a qualified technician.

!WARNING

TO PREVENT SERIOUS INJURY

FROM ACCIDENTAL OPERATION:

Turn off the tool, detach the air supply and safely discharge any residual air pressure in the tool, before performing any inspection, maintenance, or cleaning procedures.

TO PREVENT SERIOUS INJURY FROM TOOL FAILURE:

Do not use damaged equipment. If abnormal noise, vibration, or leaking air occurs, have the problem corrected before further use.

2. After Use:

- a. Rinse entire Spray Gun Assembly with clear, clean water, let dry and store inside, away from children.


Cleaning, Maintenance, and Lubrication

Note: These procedures are in addition to the regular checks and maintenance explained as part of the regular operation of the air-operated tool.

1. Before Use:

- a. Check entire Spray Gun Assembly for cracks, loose hoses, worn connections and any other issue that

Troubleshooting

Problem	Possible Causes	Likely Solutions
Decreased output.	<ol style="list-style-type: none"> 1. Not enough air pressure and/or air flow. 2. Obstructed trigger. 3. Air leaking from loose housing. 4. Mechanism contaminated. 	<ol style="list-style-type: none"> 1. Check for loose connections and make sure that air supply is providing enough air flow (CFM) at required pressure (PSI) to the tool's air inlet. Do not exceed maximum air pressure. 2. Clean around trigger to ensure free movement. 3. Make sure housing is properly assembled and tight. 4. Have qualified technician clean and lubricate mechanism. Install in-line filter in air supply as stated in Initial Set Up: Air Supply.
Air leakage.	<ol style="list-style-type: none"> 1. Cross-threaded housing. 2. Loose Gun Assembly. 3. Damaged valve or Gun Assembly. 4. Dirty, worn or damaged valve. 	<ol style="list-style-type: none"> 1. Check for incorrect alignment and uneven gaps. If cross-threaded, disassemble and replace damaged parts before use. 2. Tighten Gun Assembly. If Gun Assembly cannot tighten properly, internal parts may be misaligned. 3. Replace damaged components. 4. Clean or replace valve assembly.
 Follow all safety precautions whenever diagnosing or servicing the tool. Disconnect air supply before service.		

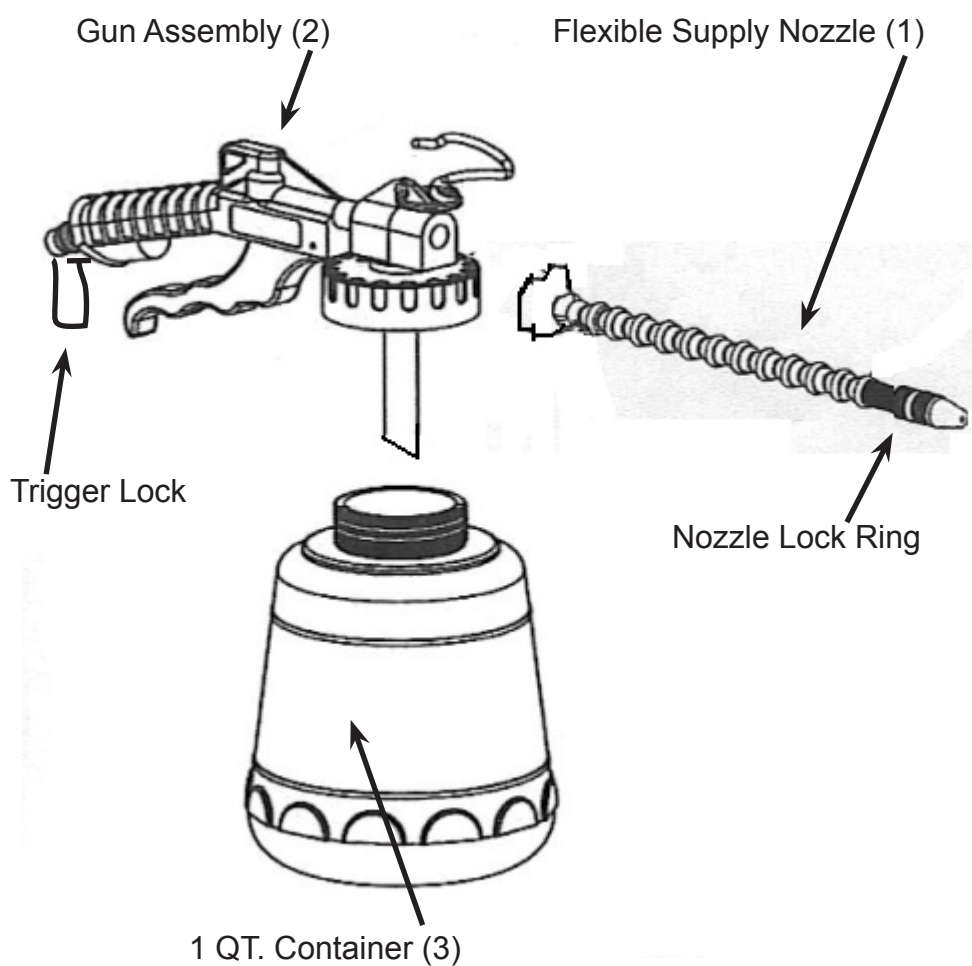
PLEASE READ THE FOLLOWING CAREFULLY

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PARTS LIST

Part	Description	Q'ty
1	Flexible Discharge Nozzle	1
2	Gun Assembly	1
3	1 QT. Container	1

PARTS DIAGRAM



90 DAY WARRANTY

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. This warranty is expressly in lieu of all other warranties, express or implied, including the warranties of merchantability and fitness.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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Record Product's Serial Number Here: _____

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.